

Description of work	Unit	Measurement				Qty	Rate	Amount
		No.	L	B	D			
Ch: 00-128.60 SB College opposite Road Adjacent to KHB HIG-A5 Building		1	128.60	1.20		154.32		
Ch: 00-150 Subbu Bakery Side road - 3rd Main Road		1	150.00	1.20		180.00		
Ch: 00-150 3rd Main Road (B.M Shree Road)		1	150.00	1.20		180.00		
Ch: 00-110.10 3rd Main Road contd. From Bldg No. 155-165		1	110.10	1.20		132.12		
Ch: 00-30 MEC School Road upto 30m chainage		2	30.00	1.20		72.00		
Ch: 00-38 MEC School Road 30 to 38m chainage		1	8.00	1.20		9.60		
Ch: 00-96.50 4th A Cross Road in front of Bldg No.21		1	96.50	1.20		115.80		
Ch: 00-188.50 6th Main Road		1	188.50	1.20		226.20		
Ch: 00-181.50 2nd B Main Road - SL Byrappa Road		1	180.00	1.20		216.00		
Ch: 00-75.70 SWWC Road - 1st Main Road		1	75.70	1.20		90.84		
Yelahanka Newtown 4th Phase								
Ch: 00-250 1st Main Road		2	225.00	1.00		450.00		
Ch: 00-500 From BMTC Bus stop		2	450.00	1.20		1080.00		
Ch: 00-100 Pragathi Nursery School		2	90.00	0.90		162.00		
Ch: 00-360 Manjushree Bakery Front Road		2	324.00	0.90		583.20		
Ch: 00-170 JK Naidu School Front road		2	153.00	1.20		367.20		
Ch: 00-420 Neha Prakash Hospital Front road		2	378.00	1.20		907.20		
Ch: 00-175 Girls Hostel Front Road		2	157.00	1.20		376.80		

ಸಹಾಯಕ ಪ್ರಾಂಶುಪಾಲಕರ ಅಧಿಕಾರದಲ್ಲಿ
ಯು.ಕೆ.ಎ. ಸರ್ಕಾರಿ ಶಾಲೆ-100
C&C

Description of work	Unit	Measurement				Qty	Rate	Amount
		No.	L	B	D			
2nd Cross LHS @ Ch: 224.40 m		1	6.80	1.80	0.20	2.45		
						Total Qty	595.86	
						Qty as per Schedule-B	595.86	
						Qty upto 125%	0	
	Cum					Qty as per Modified Estimate	595.86	5780.92 3444619

- 5 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.

For Drain @ 60kg/cum	Kg					65096.00		
	tonne					65.10		
For Culvert @ 90kg/cum	Kg					7809.50		
	tonne					7.81		
						Total Qty	72.91	
						Qty as per Schedule-B	72.91	
						Qty upto 125%	0	
	Cum					Qty as per Modified Estimate	72.91	75943.33 5537028

- 6 Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs. With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machine mixed, well compacted for wall and Bottom including centering shuttering, cost of materials, HOM of Machinery, Curing Etc. Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specifications and directions of the Engineer in charge.

SFS 407 New Culverts

Bottom raft

Cross Roads		2	7.50	1.20	0.20	3.60		
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Side Walls

Cross Roads		4	7.50	0.20	0.25	4.50		
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Yelahanka Newtown 4th Phase New Culverts

Bottom raft

Cross Roads		3	7.50	1.20	0.20	5.40		
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Side Walls

Cross Roads		6	7.50	0.20	0.75	6.75		
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CC Drain

Bottom raft

Yelahanka Newtown 4th Phase

Ch: 00-36 1st B Main LHS		1	230.50	0.90	0.45	31.12		
Ch: 00-36 1st Main 2nd Cross LHS		1	57.80	0.90	0.45	7.80		
Ch: 00-36 1st Main 2nd Cross RHS		1	36.00	0.20	0.15	4.86		
Ch: 00-40 Girls Hostel road		1	40.00	0.90	0.46	5.88		

Handwritten notes and signatures in blue ink, including "Cafe" and "SFS 407 New Culverts".

No	Description of work		Mesurement				Qty	Rate	Amount
		Unit	No.	L	B	D			
		Cum	Qty as per Modified Estimate				1161.17	7423.71	8620189
7	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggretes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and directions of the Engineer in charge.								
	Drain								
	SFS 407								
	Ch: 00-200 3rd Main Road		2	170.00	0.15	0.10	5.10		
	Ch: 200-380 3rd Main Road		2	153.00	0.15	0.10	4.59		
	Ch: 00-170 Connecting Road		2	144.00	0.15	0.10	4.32		
	Ch: 00-260 2nd Main Road (Link Road)		2	221.00	0.15	0.10	6.63		
	Ch: 00-215 4th Main Road		2	183.00	0.15	0.10	5.49		
	Ch: 215-515 4th Main Road		2	255.00	0.15	0.10	7.65		
	Ch: 00-140 7th Cross road (1st Main Road)		2	119.00	0.15	0.10	3.57		
	Ch: 00-250 1st Main Road		2	225.00	0.15	0.10	6.75		
	Ch: 00-450 1st Cross 2nd Main Road		2	405.00	0.15	0.10	12.15		
	Ch: 450-750 1st Cross 2nd Main Road		2	258.00	0.15	0.10	7.75		
	Ch: 00-360 2nd Main Road		2	324.00	0.15	0.10	9.72		
	Ch: 00-323 50 SB College Road		2	323.50	0.15	0.10	9.71		
	Ch: 00-188 50 6th Main Road		1	188.50	0.15	0.10	2.83		
	Yelehanka Newtown 4th Phase								
	Ch: 00-500 From BMTC Bus stop		2	450.00	0.15	0.10	13.50		
	Ch: 00-420 Ncha Prakash Hospital Front road		2	378.00	0.15	0.10	11.34		
	Ch: 00-175 Girls Hostel Front Road		2	157.00	0.15	0.10	4.71		
	Ch: 00-400 BMTC Left side road		2	360.00	0.15	0.10	10.80		
			Total Qty				126.60		
			Qty as per Schedule-B				126.60		
			Qty upto 125%				0		
		Cum	Qty as per Modified Estimate				126.60	5879.98	744405

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
3rd Main Road Ch: 00-103.00		2	103.00	0.90		185.40		
2nd Cross Road LHS Ch: 00-260.70		2	180.10	0.90		324.18		
5th Main Road Ch: 00-15.00		1	15.00	0.90		13.50		
Damaged/Missing Cover Slab								
SFS 407 & Surrounding areas		2	300.00	0.90		540.00		
Yelehanka Newtown 4th Phase & Surrounding areas		2	248.95	0.90		448.11		
						Total Qty	4621.70	
						Qty as per Schedule-B	4621.70	
						Qty upto 125%	0	
	Sqm		Qty as per Modified Estimate			4621.70	2453.85	11340959

Providing and laying precast drain cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm downsize metal with steel reinforcement including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and direction of Engineer-in-charge of work (data rate enclosed)

SFS 407 New Culvert

Cross Roads		2	7.50	1.20		18.00		
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Yelehanka Newtown 4th Phase New Culvert

Cross Roads		2	7.50	1.20		27.00		
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New Cover Slab

Escorts Engineering Layout New Culverts

2nd Cross		1	6.50	1.20		7.56		
2nd Cross		1	6.20	1.20		7.44		
Main Road LHS		1	5.20	1.20		6.24		
Main Road RHS		1	6.40	1.20		7.68		

Santosh Nagara Culverts

4th Main road LHS @ Ch. 25.20m		1	6.50	1.20		7.56		
4th Main road LHS @ Ch. 59.70m		1	6.80	1.20		8.16		
4th Main road RHS @ Ch. 35.50m		1	6.90	1.20		8.04		
4th Main road RHS @ Ch. 72.10m		1	5.90	1.20		7.08		
4th Main road 1st Cross RHS @ Ch. 0		1	7.90	1.20		9.48		
2nd Cross LHS @ Ch. 224.40 m		1	6.80	1.20		8.16		

						Total Qty	122.40	
						Qty as per Schedule-B	289.20	
						Qty upto 125%	0	
	Sqm		Qty as per Modified Estimate			122.40	5688.90	696321

10	Description of work	Unit	Measurement				Qty	Rate	Amount
			No.	L	B	D			
							Total Qty	1770.00	
							Qty as per Schedule-B	9615.00	
							Qty upto 125%	0	
		Sqm					Qty as per Modified Estimate	1770.00	89.04 157601

5 Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per directions of the Engineer in charge of work.

For Road

Attur Layout Ch: 00-228

Industrial Area

Ch: 00-369m Go Go International Pvt. Ltd Road (LHS)

SFS 208

Ch: 00-41m Maruti Suzuki Showroom Opposite Road

SFS 407

Ch: 75.5-90m SWWC Road - 1st Main Road

SFS 208

Road Across cuttings

Pot Holes

SFS 407

Road Across cuttings

Total Qty 898.28

Qty as per Schedule-B 718.62

Qty upto 125% 179.66

Cum Qty as per Modified Estimate 898.28 59.88 53789

17 Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specifications and as per directions of the Engineer in charge of work.

For Road

Attur Layout Ch: 00-228

Industrial Area

Ch: 00-369m Go Go International Pvt. Ltd Road (LHS)

SFS 208

Ch: 00-41m Maruti Suzuki Showroom Opposite Road

SFS 407

Ch: 75.5-90m SWWC Road - 1st Main Road

SFS 208

Description of work	Unit	Measurement				Qty	Rate	Amount
		No.	L	B	D			
SFS 208								
Ch: 00-41m Maruti Suzuki Showroom Opposite Road		1	41.00	11.22	0.20	92.00		
SFS 407								
Ch: 75.5-90m SWWC Road - 1st Main Road		1	14.50	3.90	0.20	11.34		
SFS 208								
Road Across cuttings		28	7.48	0.30	0.20	12.56		
Pot Holes		23	1.00	1.15	0.20	5.26		
SFS 407								
Road Across cuttings		56	7.28	0.25	0.20	64.12		
Total Qty						513.30		
Qty as per Schedule-B						410.64		
Qty upto 125%						102.66		
Cum Qty as per Modified Estimate						513.30	2101.34	1078618
Providing and applying primer coat with S.S. bitumen. e u/sior. on p.e.pored surface of granular base such as WMM including cleaning of road surface and spray ng primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per directoins of the Engineer in charge								
For Road								
Attur Layout Ch: 00-228		1	228.00	4.42		1008.19		
Industrial Area								
Ch: 00-369m Go Go International Pvt. Ltd Road (LHS)		1	369.00	1.75		647.04		
SFS 208								
Ch: 00-41m Maruti Suzuki Showroom Opposite Road		1	41.00	11.22		460.00		
SFS 407								
Ch: 75.5-90m SWWC Road - 1st Main Road		1	14.50	3.90		56.55		
SFS 208								
Road Across cuttings		28	7.48	0.30		62.82		
Pot Holes		23	1.00	1.15		26.29		
SFS 407								
Road Across cuttings		56	7.52	0.25		318.41		
Total Qty						2579.00		
Qty as per Schedule-B						2063.20		
Qty upto 125%						515.80		
Sqm Qty as per Modified Estimate						2579.00	35.62	91864
Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge								
Cleaning								

Description of work	Unit	Measurement				Qty	Rate	Amount
		No.	L	B	D			
00-188.50 6th Main d		1	188.50	5.82		1096.72		
00-284.69 Connecting d to 3rd Main		1	284.69	9.47		2696.29		
00-81.10 3rd Main 1st ss		1	81.10	6.88		557.72		
00-181.50 2nd B Main ad - SL Byrappa Road		1	181.50	5.76		1046.25		
00-36.50 Road from Jg 170-172 (Puzzles chnologies)		1	36.50	6.36		231.98		
00-30 Road in front of A Meadows Apartment		1	30.00	5.25		157.50		
00-75.70 SWWC Road - 1st Main Road		1	75.70	5.16		390.40		
Total Qty						79728.07		
Qty as per Schedule-B						76957.60		
Qty upto 125%						2770.47		
Sqm Qty as per Modified Estimate						79728.07	5.57	444085

roviding and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 0 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and directions of the Engineer in charge.

Tack coat

Attur Layout Ch: 00-228		228.00		4.42		1008.20		
SFS 208								
Ch: 00-315 2nd Cross road		325.00		10.49		3409.46		
Ch: 00-34 Park road connecting 2nd Cross road		34.00		5.24		178.00		
Ch: 00-65 Park connection road near 2nd Cross road (LHS)		65.00		7.27		472.38		
Ch: 00-40 Park connection road near 2nd Cross road (RHS)		40.00		8.98		359.00		
Ch: 00-38 Park connection road b/w 3rd Phase & 1st Phase near Police Chowki		38.00		7.04		267.53		
Ch: 00-592 4th Main road to end of double road near bridge		592.00		8.29		4906.10		

Description of work	Unit	Measurement				Qty	Rate	Amount
		No.	L	B	D			
00-110.10 3rd Main Road contd. From Bldg 155-165		110.10		7.13	0.04	31.39		
00-38 MEC School Road		38.00		6.45	0.04	9.81		
00-28.50 3rd B Main Road in front of Guruprasad Apartment		28.50		9.01	0.04	10.27		
00-62.90 Road adjacent to Guruprasad Apartment		62.90		6.20	0.04	15.61		
00-96.50 4th A Cross Road in front of Bldg 21		96.50		4.72	0.04	18.23		
00-188.50 6th Main Road		188.50		4.86	0.04	36.65		
00-350 Connecting Road to 3rd Main		280.68		8.57	0.04	96.17		
00-81.10 3rd Main 1st Cross		81.10		5.92	0.04	19.20		
00-181.50 2nd B Main Road - SL Byrappa Road		181.50		4.93	0.04	35.79		
00-36.50 Road from Bldg 170-172 (Puzzles Technologies)		36.50		5.36	0.04	7.82		
00-30 Road in front of SM Meadows Apartment		30.00		4.25	0.04	5.10		
00-90 SWWC Road - 1st Main Road		90.00		3.99	0.04	14.36		
Total Qty						3240.24		
Qty as per Schedule-B						3127.64		
Qty upto 125%						112.60		
Cum Qty as per Modified Estimate						3240.24	9134.39	29597571

Road Marking with Hot Applied Thermoplastic Compound with Reflecting Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge.

Edge Line								
Attur Layout Ch: 00-228	1	2	228.00	0.15		68.40		
SFS 208	1	2	1156.00	0.15		346.80		
SFS 407	1	2	2784.90	0.15		835.47		

SI No	Description of work	Mesurement				Qty	Rate	Amount	
		Unit	No.	L	B				D
	Yelahanka Newtown 4th Phase		4	1.60		0.90	5.76		
	SFS 407		3	1.60		0.90	4.32		
			Total Qty				12.96		
			Qty as per Schedule-B				12.96		
			Qty upto 125%				0.00		
		Sqm	Qty as per Modified Estimate				12.96	14799.56	191802
29	Direction and Place Identification Signs with size marethan 0.9 Size Board: Providing and erecting direction and place identification retro -reflectorised sign as per IRC:67 made of high i ntensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceedin9 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing..								
	SFS 208		3.00	0.90		0.90	2.43		
	SFS 407		27.00	0.90		0.90	21.87		
			Total Qty				24.30		
			Qty as per Schedule-B				24.30		
			Qty upto 125%				0.00		
		Sqm	Qty as per Modified Estimate				24.30	7835.69	192837
	Total Construction cost							88219929	
	GST 12%							10586391	
	Sub Total							98806321	
	DPR & PMC Charges							1600000	
	Round off							-6321	
	Grand Total (Modified Estimate Amount)							100400000	

Technical Sanction
Accorded For Rs.100,40,000/-
Head of A/C P.3744
CER NO : 36 Dt: 23.08.2021

Technical Sanction
 Accorded For Rs. 100,40,00,000/-
 Head of A/C P. 3244
 CER NO. 38 Dt. 28.08.2021

Certificate:-

1. The workspot was inspected and work is found to be necessary
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.

Consultant
 For Gooly Consultancy Services



Assistant Engineer Ward 403
 Yelahanka Sub-Division
 BBMP - Bangalore

Assistant Engineer
 Yelahanka Sub-Division
 BBMP - Bangalore

Executive Engineer
 Bruhat Bangalore Mahanagara Palike
 Yelahanka Division